

Certificate of Analysis

Date of Testing: 2024-08-22 17:07:15
Date of Next Testing: 2026-08-22 17:07:15
Product Name: **Dihydrostreptomycin sulfate**
CAS Number: 5490-27-7
Specifications & Purity: $\geq 98\%$
Lot #: K2211309
SKU #: **D137269**
Version: **2**
Analysis #: **403176**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.66700%
Specific Rotation $[\alpha]_{20}/D(c=2 \text{ in H}_2\text{O})$	-91--83 ($^{\circ}$)	-83.02 $^{\circ}$
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager